

REMARKS

Claims 1 through 3, 6, 7 and 9 through 25 are pending in the present application. Claims 4, 5 and 8 are canceled by the present amendment, and claims 10 through 25 are newly added.

Applicants amended a paragraph beginning on page 7 of the Specification to delete extraneous characters, i.e., "3.", and to clarify terminology.

In section 5 of the Office Action, claims 1 – 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,502,102 to Haswell et al. (hereinafter "the Haswell et al. patent"). Of this set of claims, only claim 1 is independent. Applicants clarified an aspect of claim 1 that is neither disclosed nor suggested by the Haswell et al. patent.

Claim 1 provides for a process for automatically revising data in a database of file records stored in a computer. The process creates an emulated event handler by recording operations of a human operator, and uses the emulated event handler to perform a task to execute a revision of a file record. The process includes, *inter alia*, (a) identifying an occurrence of an event that occurs while a task is being accomplished to revise an entry in a database of file records, and (b) recording in a memory, a response to the event performed by a human operator interacting with a graphical user interface of a computer, to form one or more emulated responses to the event, wherein the one or more emulated responses are stored in an emulated event handler for performing the task.

The Haswell et al. patent is directed toward development of scripts (col. 1, lines 6 – 7). A user accesses an English-based, form-driven user interface to develop scripts for test scenarios (col. 7, lines 45 – 51) (See also, FIG. 1, box 104).

The Office Action cites several passages in support of the rejection of claim 1. Below, Applicants review some of the cited passages.

FIG. 15	Discloses steps of reading data relating to an event (step 1504), and displaying a message based on the severity of the event (step 1508).
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- Col. 19, lines 20 – 67 Provides a description of FIG. 15 (col. 19, line 23).
Discloses examples of types of events (col. 19, lines 34 – 41).
Discloses certain aspects of messages (col. 19, line 42).
Discloses a use of event handlers (col. 19, lines 48 – 67).
- Col. 20, lines 1 – 67 Discloses several features of an event handler (col. 20, lines 1 – 33) and discloses that upon an occurrence of an event, certain information is recorded (col. 20, lines 34 – 62).
- Col. 21, lines 1 – 10 Discloses that events are processed.
- Col. 11, lines 55 – 67 Explains that a computer may include a graphical user interface (GUI), and therefore, event loops (col. 11, line 60) monitor events and call an appropriate part of a programmer's code according to an action that a user performs. That is, the event loop calls code in response to an action by a user.
- Col. 12 lines 1 – 25 Introduces an application framework in which a programmer starts with working application code and basic user interface elements in place (col. 12, lines 13 - 14).

Applicants note, as summarized above, that at col. 20, lines 34 – 62, the Haswell et al. patent discloses that upon an occurrence of an event, certain information is recorded. However, these activities are apparently **performed by an event handler** (see line 40) **rather than being recorded to be stored in an event handler**. Moreover, **none of the recorded information** is suggestive of **recording a response to the event performed by a human operator**.

Accordingly, Applicants submit that neither the cited passage at col. 20, lines 34 – 62, nor any other section of the Haswell et al. patent, discloses or suggests identifying an occurrence of an event that occurs while a task is being accomplished to revise an entry in a database of file records, and recording in a memory, a response to the event performed by a human operator interacting with a graphical user interface of a computer, to form one or more emulated responses to the event, wherein the one or more emulated responses are stored in an emulated event handler for performing the task, as recited in claim 1.

The Office Action, on page 4, recognizes that the Haswell et al. patent does not clearly teach emulated responses to an event. Applicants agree. However, Applicants disagree with the Examiner's assertion that claim 1 is obvious in view of the Haswell et al. patent.

As noted above, the Haswell et al. patent expressly teaches that scripts are developed through use of an English-based, form-driven interface (col. 7, line 47). More specifically, script data is received utilizing a language-driven interface, and the received script data is then translated into automation code (col. 16, lines 3 – 12).

Applicants respectfully submit that a modification of the Haswell et al. patent to provide for **recording in a memory, a response to the event performed by a human operator** interacting with a graphical user interface of a computer, to form one or more emulated responses to the event, as recited in claim 1, **would render irrelevant** the express teaching of **utilizing a language-driven interface to develop a script**. Consequently, such a modification would **change the principle of operation** of the system disclosed by the Haswell et al. patent. Therefore, not only does the Haswell et al. patent fail to expressly describe the elements of claim 1, it is not a suitable reference for a rejection of claim 1. That is, the Haswell et al. patent, whether considered independently or with another reference, cannot be applied in a section 103 rejection of claim 1.

Applicants also wish for the Examiner to note, that whereas the Haswell et al. patent fails to describe or suggest emulated responses to the event, it also fails to describe or suggest that **emulated responses are stored in an emulated event handler**, as is also recited in claim 1.

Therefore, the Haswell et al. patent cannot be asserted as disclosing or suggesting:

- (i) repeating the recording to form a collection of emulated event handlers;
- (ii) loading a specified task and the collection of emulated event handlers for such task into a computer; and
- (iii) executing the task on the selected batch of file records by matching a member of the collection of emulated event handlers to a given event,

all of which are recited in claim 1. Thus, claim 1 is patentable over the Haswell et al. patent.

Claims 4, 5 and 8 are canceled. As such, the rejection is moot with respect to these claims.

Claims 2, 3, 6, 7 and 9 depend from claim 1. By virtue of this dependence, claims 2, 3, 6, 7 and 9 are also patentable over the Haswell et al. patent.

Applicants respectfully request reconsideration and withdrawal of the section 103(a) rejection of claims 1 through 9.

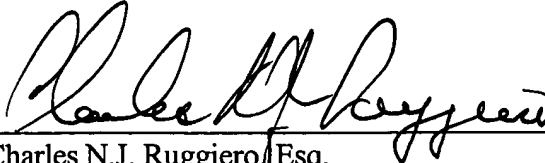
Applicants clarified claims 1 through 3, 6, 7 and 9 to more accurately recite features of these claims. Applicants do not intend to limit the scope of any term of any of the claims, and respectfully submit that the doctrine of equivalents should be available for all of the terms of all of the claims.

Applicants added claims 10 through 25 to even further provide the claim coverage that Applicants appear to deserve based on the prior art that was cited by the Examiner. A favorable consideration that also results in the allowance of claims 10 through 25 is earnestly solicited.

In view of the foregoing, Applicants respectfully submit that all claims presented in this application patentably distinguish over the prior art. Accordingly, Applicants respectfully request favorable consideration and that this application be passed to allowance.

Respectfully submitted,

April 12, 2004
Date


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